Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application, where added material is shown in underlined type, deleted material is shown in ~~strikeout type~~:

Listing of Claims:

1. (Currently amended): A digital video display device, comprising:

a navigation unit operative to ~~provide~~ isolate an input video signal ~~from a digital media element~~;

~~a video unit operative to process said input video signal such that said input video signal is converted into a filtered digital signal that can be displayed on a progressive display device, said video unit comprising:~~

a decoder operative to separate said input video signal into a plurality of frames, each frame containing ~~at least two~~ a series of fields; ~~and~~

~~a video display module for processing each frame of said digital video signal, comprising~~ a detection unit for detecting if ~~a current~~ each said frame matches an entry in a predetermined look-up table ~~and~~, for specifying a first type of processing if there is a match, and for specifying a second type processing if there is not a match; and

a processing unit ~~operative~~ responsive to said detection unit to provide ~~perform on said current~~ an appropriate filtered video frame ~~the processing specified by said detection unit~~ for display on a computer monitor.

2. (Currently amended): The device of Claim 1, wherein said input video signal is isolated from ~~said digital media element is~~ a digital versatile disk (DVD) inserted into said navigation unit.

3. (Canceled).

4. (Currently amended): The device of Claim 1, wherein said second type of processing comprises generating each said ~~current~~ frame from the field data of a predetermined number of prior video frames and said ~~current~~ frame.

5. (Previously presented): The device of Claim 4, wherein said predetermined number of prior frames is three.

6. (Previously presented): The device of Claim 1, wherein said first type of processing comprises providing either a frame that is a concatenation of said fields of an input data frame or a frame containing field segments having values based on adjacent field segments as specified by said look-up table entry.

7. (Canceled).

8. (Currently amended): A digital video display system, comprising:

a navigation module operative to isolate an input video signal present in a digital medium;

a decoder operative to separate said input video signal into a plurality of video frames;

a detection module ~~operative to detect the type of processing to be performed on~~ for detecting if each said video frame~~, said detection module including a~~ matches an entry in a predetermined table ~~which provides the type of~~, for specifying a processing ~~to be performed on said video frame in response to the current video frame position~~ type; and

a processing module operative to provide a filtered video frame in response to information contained in said predetermined table, wherein said filtered video frame is capable of being displayed on a progressive display device.

9. (Original): The system of Claim 8, wherein said processing module further comprises a first module operative to provide a video frame signal that is a concatenation of the fields of an input video frame, and a second module operative to provide a video frame signal containing field segments having values based on the values of adjacent field segments.

10. (Original): The system of Claim 8, wherein said detection module is operative to determine the type of processing to be performed on said video frame based on field data of a predetermined number of prior video frames and said video frame.

11. (Original): The system of Claim 10, wherein the predetermined number of prior video frames is three.

12. (Currently amended): A video signal processing method, comprising the steps of:

~~(a)~~ obtaining current video information from an input video signal;

separating said input video signal into a plurality of video frames;

~~(b)~~ detecting ~~the current frame delimiter from said input video signal;~~

if each said video frame matches an entry in a predetermined table ~~time interval~~;

~~(c) determining whether said current frame is within~~ ~~if said frame matches an entry in a predetermined time interval; (d) determining the type of table,~~ for specifying a processing ~~to be performed on said current frame from a correspondence data table~~ type; and

~~(e)~~ generating a filtered video frame in response to information contained in said predetermined ~~parameters in said data~~ table.

13. (Canceled):

14. (Original): A method of processing a video signal to remove artifacts, comprising the steps of:

(a) separating a video image frame into its component fields;

(b) determining which of said component fields is the first component field;

(c) discarding the second component field of said video image frame; and

(d) generating a combined video image frame signal based only on said first component field;

wherein each component field comprises a plurality of pixel lines.

15. (Original): The method of Claim 14, wherein step (d) comprises the steps of:

(d1) generating a pixel line having a value comprising the average of each adjacent pair of said pixel lines; and

(d3) providing said generated pixel line between said corresponding adjacent pair of pixel lines.

16. (Previously presented) The device of Claim 1, wherein said detection unit is operative to determine the type of processing to be performed on a predetermined video frame signal based on a selection by a user of said digital video display device.